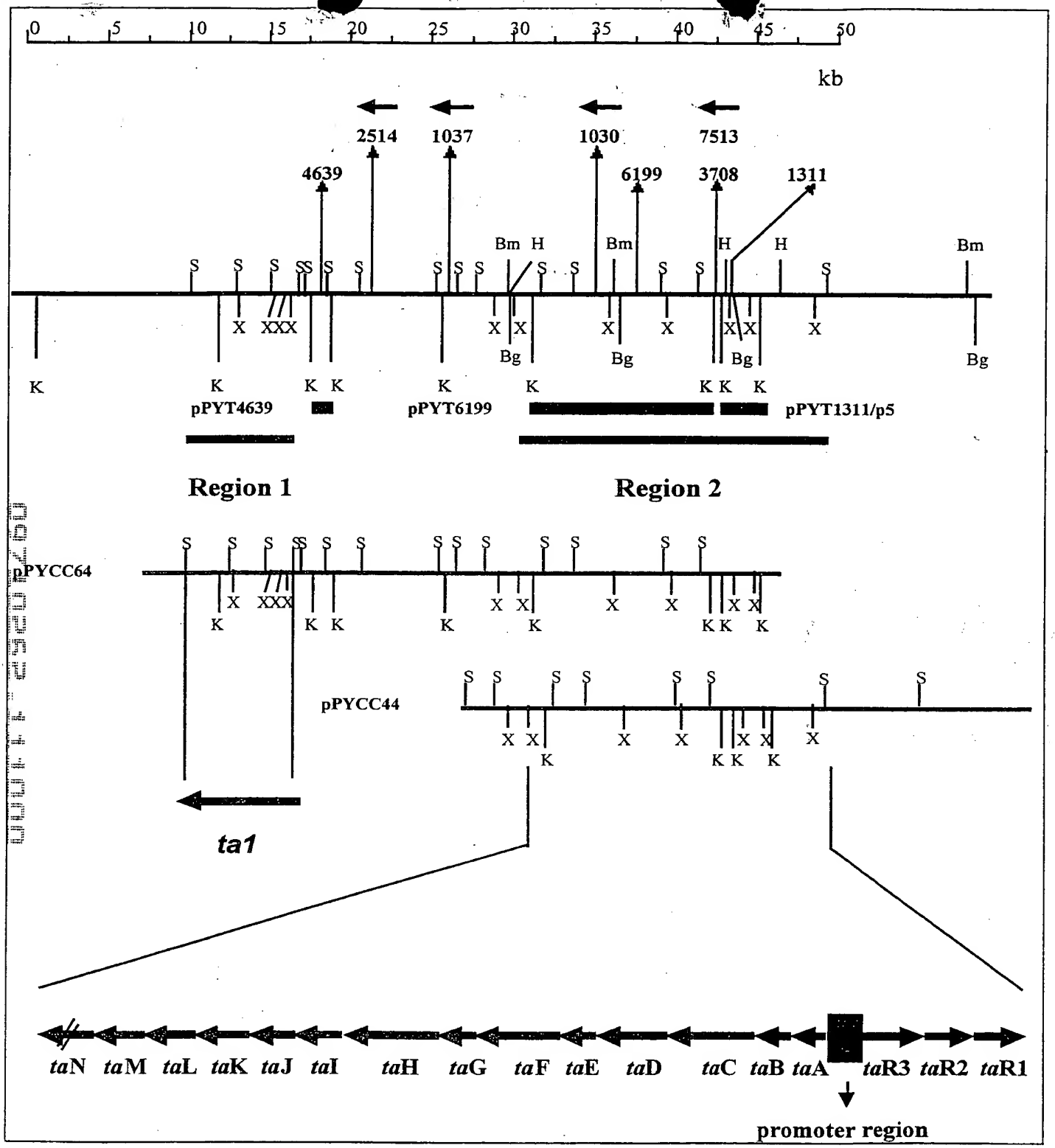
0 5 10 15 20 25 30 35 40 45 50
kb
2514
1037
1030
7513
4639
6199
3708
1311
Bm H
Bm
H
H
Bm
S
X
XXX
Bg
K
pPYT4639
pPYT6199
pPYT1311/p5
Region 1
Region 2
pPYCC64
pPYCC44
ta1
taN taM taL taK taJ taI taH taG taF taE taD taC taB taA taR3 taR2 taR1
promoter region